

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

4

Complete if Known

Application Number

Divisional of 10/014,750

Filing Date

Filed Herewith

First Named Inventor

Jenny LOUIE-HELM et al.

Art Unit

Unassigned

Examiner Name

Unassigned

Attorney Docket Number

3100-0003.10

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No.	Issue Date or Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
bf	AA	3,960,150	6/1/76	Hussain et al.			
	AB	4,434,153	2/28/84	Urquhart et al.			
	AC	4,690,824	9/1/87	Powell et al.			
	AD	4,695,467	9/22/87	Uemura et al.			
	AE	4,748,023	5/31/88	Tamás et al.			
	AF	4,786,503	11/22/88	Edgren et al.			
	AG	4,839,177	6/13/89	Colombo et al.			
	AH	4,851,232	7/25/89	Urquhart et al.			
	AI	4,865,849	9/12/89	Conte et al.			
	AJ	5,002,772	3/26/91	Curatolo et al.			
	AK	5,007,790	4/16/91	Shell			
	AL	5,064,656	11/12/91	Gergely et al.			
	AM	5,085,865	2/4/92	Nayak			
	AN	5,213,808	5/25/93	Bar-Shalom et al.			
	AO	5,232,704	8/3/93	Franz et al.			
	AP	5,393,765	2/28/95	Infeld et al.			
	AQ	5,422,123	6/6/95	Conte et al.			
	AR	5,425,950	6/20/95	Dandiker et al.			
	AS	5,487,901	1/30/96	Conte et al.			
	AT	5,508,040	4/16/96	Chen			
	AU	5,549,913	8/27/96	Colombo et al.			
	AV	5,582,837	10/10/96	Shell			
	AW	5,609,590	3/11/97	Herbig et al.			
	AX	5,626,874	5/6/97	Conte et al.			
	AY	5,635,210	6/3/97	Allen, Jr. et al.			
	AZ	5,650,169	7/22/97	Conte et al.			
	BA	5,651,985	7/29/97	Penners et al.			
	BB	5,681,583	10/28/97	Conte et al.			
	BC	5,688,776	11/18/97	Bauer et al.			
	BD	5,736,159	4/7/98	Chen et al.			
	BE	5,738,874	4/14/98	Conte et al.			
	BF	5,780,057	7/14/98	Conte et al.			
	BG	5,783,212	7/21/98	Fassihi et al.			
	BH	5,811,126	9/22/98	Krishnamurthy			
	BI	5,827,984	10/27/98	Sinnreich et al.			
	BJ	5,837,379	11/17/98	Chen et al.			
	BK	5,840,329	11/24/98	Bai			
	BL	5,840,332	11/24/98	Lerner et al.			
	BM	5,861,173	1/19/99	Nishioka et al.			
	BN	5,891,474	4/6/99	Buseti et al.			
	BO	5,897,874	4/27/99	Stevens et al.			
	BP	5,916,595	6/29/99	Chen et al.			
bf	BQ	5,945,125	8/31/99	Kim			

Examiner
Signature

Blessing Fubara

Date

Considered

2-24-05

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
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BT	BR	5,972,389	10/26/99	Shell et al.			
	BS	6,027,748	2/22/00	Conte et al.			
	BT	6,033,685	3/7/00	Qiu et al.			
	BU	6,066,337	5/23/00	Allen et al.			
	BV	6,093,420	7/25/00	Baichwal			
	BW	6,120,803	9/19/00	Wong et al.			
	BX	6,174,497	1/16/01	Roinestad et al.			
	BY	6,177,104	1/23/01	Allen et al.			
	BZ	6,187,337	2/13/01	Allen et al.			
	CA	6,207,197	3/27/01	Illum et al.			
	CB	6,221,395	4/24/01	Maggi et al.			
	CC	6,261,601	7/17/01	Talwar et al.			
	CD	6,340,475	01/22/02	Shell et al.			
	CE	6,368,628	4/9/02	Seth			
	CF	6,451,808	9/17/02	Cowles			
	CG	6,488,962	12/3/02	Berner et al.			
BT	CH	2001/0018070	8/30/01	Shell et al.			
	CI	Serial No. 09/425,491	10/22/99	Shell et al.			10/22/99
	CJ	Serial No. 10/029,134	10/25/01	Gusler et al.			10/25/01
	CK	Serial No. 10/045,823	11/6/01	Shell et al.			11/6/01
	CL	Serial No. 10/066,146	2/1/02	Lim et al.			2/1/02
	CM	Serial No. 10/152,914	5/20/02	Fara et al.			5/20/02
	CN	Serial No. 10/280,309	10/25/02	Berner et al.			10/25/02
	CO	Serial No. 10/280,852	10/25/02	Devane et al.			10/25/02

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Examiner Initials*	Cite No.	Foreign Patent Document No.	Publication Date	Country	Class	Subclass	T
BT	CP	EP 0598309 B1	1/28/98	Europe			
	CQ	EP 0795324 A2	9/17/97	Europe			
	CR	GB 1330829	9/19/73	United Kingdom			
	CS	WO 96/32097 A1	10/17/96	PCT	1/20		
	CT	WO 98/55107 A1	12/10/98	PCT	1/20		
	CU	WO 00/23045 A1	4/27/00	PCT	1/20		
	CV	WO 00/38650 A1	7/6/00	PCT	1/20		
	CW	WO 01/32217 A3	5/10/01	PCT	1/20		
	CX	WO 01/56544 A3	8/9/01	PCT	1/20		
	CY	WO 01/97783 A1	12/27/01	PCT	1/20		
BT	CZ	WO 02/083687 A1	10/24/02	PCT	1/20		

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* Pending applications, not prior art

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Sheet	3	of	4	Attorney Docket Number	3100-0003.10

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T	
BF	DA	ABRAHAMSSON et al. (1993), "Absorption, Gastrointestinal Transit, and Tablet Erosion of Felodipine Extended-Release (ER) Tablets," <i>Pharmaceutical Research</i> 10(5):709-714.		
	DB	APICELLA et al. (1993), "Poly(ethylene oxide) (PEO) and Different Molecular Weight PEO Blends Monolithic Devices for Drug Release," <i>Biomaterials</i> 14(2):83-90.		
	DC	BAUMGARTNER et al. (2000), "Optimisation of Floating Matrix Tablets and Evaluation of Their Gastric Residence Time," <i>International Journal of Pharmaceutics</i> 195:125-135.		
	DD	BETTINI et al. (1994), "Swelling and Drug Release in Hydrogel Matrices: Polymer Viscosity and Matrix Porosity Effects," <i>European Journal of Pharmaceutical Sciences</i> 2:213-219.		
	DE	CHEN et al. (2000), "Gastric Retention Properties of Superporous Hydrogel Composites," <i>Journal of Controlled Release</i> 64:39-51.		
	DF	COLUMBO et al. (1990), "Drug Release Modulation by Physical Restrictions of Matrix Swelling," <i>International Journal of Pharmaceutics</i> 63:43-48.		
	DG	DAVIS et al. (1986), "The Effect of Density on the Gastric Emptying of Single- and Multiple-Unit Dosage Forms," <i>Pharmaceutical Research</i> 3(4):208-213.		
	DH	DESHPANDE et al. (1997), "Development of a Novel Controlled-Release System for Gastric Retention," <i>Pharmaceutical Research</i> 14(6):815-819.		
	DI	FORD et al. (1987), "Importance of Drug Type, Tablet Shape and Added Diluents on Drug Release Kinetics from Hydroxypropylmethylcellulose Matrix Tablets," <i>International Journal of Pharmaceutics</i> 40:223-234.		
	DJ	GAO et al. (1996), "Swelling of Hydroxypropyl Methylcellulose Matrix Tablets. 2. Mechanistic Study of the Influence of Formulation Variables on Matrix Performance and Drug Release," <i>Journal of Pharmaceutical Sciences</i> 85(7):732-740.		
	DK	HWANG et al. (1998), "Gastric Retentive Drug-Delivery Systems," <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> 15(3):243-284.		
	DL	JU et al. (1995), "Drug Release from Hydrophilic Matrices. 1. New Scaling Laws for Predicting Polymer and Drug Release Based on the Polymer Disentanglement Concentration and the Diffusion Layer," <i>Journal of Pharmaceutical Sciences</i> 84(12):1455-1463.		
	DM	JU et al. (1995), "Drug Release from Hydrophilic Matrices. 2. A Mathematical Model Based on the Polymer Disentanglement Concentration and the Diffusion Layer," <i>Journal of Pharmaceutical Sciences</i> 84(12):1464-1477.		
	DN	KANIWA et al. (1983), "The Bioavailability of Flufenamic Acid and Its Dissolution Rate from Capsules," <i>International Journal of Clinical Pharmacology, Therapy and Toxicology</i> 21(2):56-63.		
	DO	KATORI et al. (1995), "Estimation of Agitation Intensity in the GI Tract in Humans and Dogs Based on <i>in Vitro/in Vivo</i> Correlation," <i>Pharmaceutical Research</i> 12(2):237-243.		
	DP	KIM (1995), "Drug Release from Compressed Hydrophilic POLYOX-WSR Tablets," <i>Journal of Pharmaceutical Sciences</i> 84(3):303-306.		
	DQ	LAPIDUS et al. (1966), "Some Factors Affecting the Release of a Water-Soluble Drug from a Compressed Hydrophilic Matrix," <i>Journal of Pharmaceutical Sciences</i> 55(8):840-843.		
	DR	LAPIDUS et al. (1968), "Drug Release from Compressed Hydrophilic Matrices," <i>Journal of Pharmaceutical Sciences</i> 57(8):1292-1301.		
	DS	MAGGI et al. (2000), "High Molecular Weight Polyethylene Oxides (PEOs) as an Alternative to HPMC in Controlled Release Dosage Forms," <i>International Journal of Pharmaceutics</i> 195:229-238.		
BF	DT	MAGGI et al. (2000), "Highly Swellable Multi-Layer Tablets to Prolong the Residence Time of the Delivery in the Stomach," <i>Journal of Controlled Release</i> 64:269-347.		

Examiner Signature	Blessing Fubara	Date Considered	2-24-05
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BF	DU	OTH et al. (1992), "The Bilayer Floating Capsule: A Stomach-Directed Drug Delivery System for Misoprostol," <i>Pharmaceutical Research</i> 9(3):298-302.		
	DV	RAO et al. (1988), "Swelling Controlled-Release Systems: Recent Developments and Applications," <i>International Journal of Pharmaceutics</i> 48:1-13.		
	DW	REYNOLDS et al. (1998), "Polymer Erosion and Drug Release Characterization of Hydroxypropyl Methylcellulose Matrices" <i>Journal of Pharmaceutical Sciences</i> 87(9):1115-1123.		
	DX	SHAMEEM et al. (1995), "Oral Solid Controlled Release Dosage Forms: Role of GI-Mechanical Destructive Forces and Colonic Release in Drug Absorption Under Fasted and Fed Conditions in Humans," <i>Pharmaceutical Research</i> 12(7):1049-1054.		
	DY	SIEPMANN et al. (1999) "HPMC Matrices for Controlled Drug Delivery: A New Model Combining Diffusion, Swelling, and Dissolution Mechanisms and Predicting the Release Kinetics" <i>Pharmaceutical Research</i> 16(11):1748-1756.		
BF	DZ	YANG et al. (1996), "Zero-Order Release Kinetics from a Self-Correcting Floatable Asymmetric Configuration Drug Delivery System," <i>Journal of Pharmaceutical Sciences</i> 85(2):170-173.		

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